

TREATMENT OF SKIN DISORDERS WITH UV LIGHT AND COOLING

Abstract of the Disclosure

Skin disorders such as, for example, atopic dermatitis, dyshidrosis, eczema, lichen planus, psoriasis, and vitiligo, are treated by applying high doses of ultraviolet light to diseased regions of a patients skin. The dosage employed exceeds 1 MED, an MED being determined for the particular patient being treated, and may range from about 1 MED to about 20 MED or higher. The ultraviolet light has a wavelength within the range of between about 295 nanometers to about 320 nanometers and preferably is between about 300 nanometers and about 310 nanometers. High doses of ultraviolet light are restricted to diseased tissue areas so as to avoid risk of detrimental side affects in healthy skin, which is more susceptible to damage from UV light. Cooling the skin prior to and/or while exposing the skin to the UV light can be used to minimize tissue damage resulting from exposure to the UV light. Higher doses of UV light can therefore be employed without injurious affects.

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